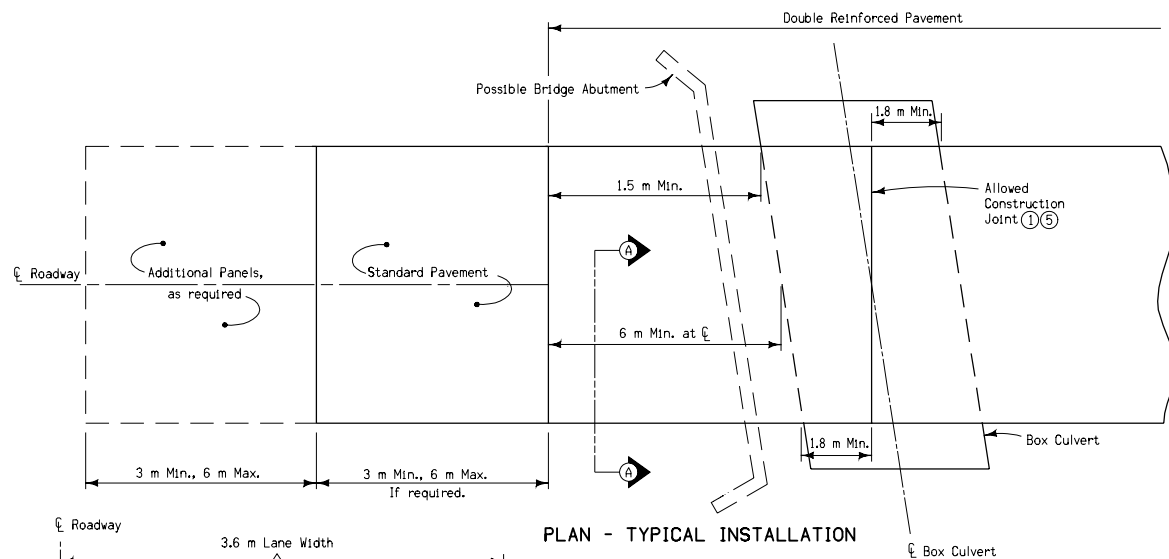
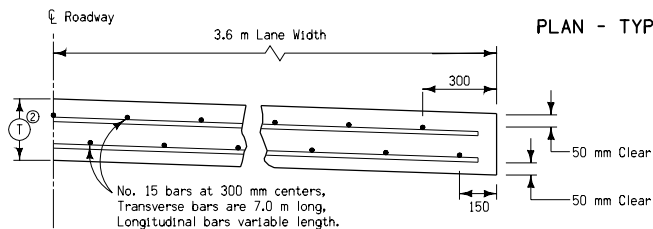


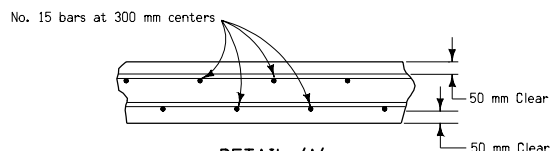
SECTION - TYPICAL INSTALLATION AT CL



PLAN - TYPICAL INSTALLATION



SECTION A-A  
Half Section




DETAIL 'A'  
PARTIAL LONGITUDINAL SECTION

GENERAL NOTES:

Price bid for standard pavement of the specified thickness shall be considered full compensation for constructing the pavement as detailed hereon and elsewhere in the plans, including all necessary reinforcement and expansion joints as required on this sheet.

- ① Construction Joints will be allowed if:  
A. Joint is located at center of culvert.  
B. Joint is a minimum of 1.8 meters from edge of culvert.  
C. Two joints may be used if condition B is met and center panel is a minimum of 4.5 meters in length.
- ② Refer to typical sections elsewhere in plans for pavement thickness, T. Minimum T=200 millimeters.
- ③ Existing Pavement Joints:  
A. When joints are 'C'; use 'B' joint.  
B. When joints are 'CD'; use 'RD' joint.  
C. If existing pavement is HMA or Composite (HMA over PCC); use 'B' joint.
- ④ New Pavement Joints:  
A. When joints are 'C'; use 'B' joint.  
B. When joints are 'CD'; use 'RD' joint.
- ⑤ Lap all bars 400 millimeters. Refer to RH-50 for joint details.
- ⑥ Limits of excavation and type of backfill shall be as shown elsewhere on the plan.

All dimensions given in millimeters unless noted.

<b>M</b>	 Iowa Department of Transportation	
	Highway Division	
	<b>STANDARD ROAD PLAN</b>	<b>RR-23</b>
	REVISION: NEW; Replaces Detail Sheet 530-1	REVISION NO. NEW
	APPROVED BY <i>William J. Shan</i> DESIGN METHODS ENGINEER	REVISION DATE 04-30-02

DETAILS FOR  
DOUBLE REINFORCED PAVEMENT  
OVER BOX CULVERTS